

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~[[A]]~~ An electrical connector including comprising:
a header ~~comprising~~ having a header body formed of an insulation material, and ~~one or a plurality of header posts held on a side wall of the header body; and~~
a socket ~~comprising~~ having a socket body formed ~~[[on]]~~ of an insulation material and having a plug groove with which the header is engaged configured to engage the header, and ~~one or a plurality of socket contacts held on a side wall of the plug groove of the socket body, wherein the socket contacts are configured to contact and contacted with the header posts when the header is engaged with~~ engages the plug groove; ~~characterized by that, wherein:~~
the header body has a plurality of concave portion portions provided on a first face ~~in side which is to be engaged with~~ which faces a bottom face of the plug groove, wherein the first face is configured to engage the plug groove, and wherein at least one of the socket contacts has a first contact portion of the socket body;
at least one of the header post posts has a second contact portion,

disposed along a side wall of the header body, ~~and contacted with [[a]] and configured to contact the~~ first contact portion of the at least one socket contact, a curved portion formed in a substantially reverse U-shape extending from a vicinity of an end ~~[[in]] of the first face side of the side wall~~ of the header body toward , which is proximate the side wall, towards the concave portion, and a terminal portion formed to protrude outward from a side of the second contact portion opposite to the curved portion ~~to be~~ such that the terminal portion is substantially perpendicular to the side wall ~~and to be soldered on to a circuit board;~~ and

the concave portion ~~is~~ portions are separated by at least two cross walls which separate respective gaps provided between the header posts such [[so]] that an enclosed space is formed by the at least two cross walls, a bottom face of the concave portion and ~~[[the]]~~ an adsorption face of ~~[[the]]~~ an adsorption nozzle in a state that when the adsorption face of the adsorption nozzle ~~is contacted with contacts~~ the first face ~~so that~~ such that a suction opening of the adsorption nozzle faces the concave portion.

2. (Canceled).

3. (Currently Amended) The electrical connector in accordance with claim 1, ~~characterized by that~~ wherein the socket body has an engaging plug groove of the socket body has a substantially rectangular shape with which and the header is engaged ~~formed in~~ configured to engage a center portion thereof seen

~~from front, and wherein the plug groove has two side walls, and four the socket body has~~ engaging concavities formed in vicinities of ~~both end portions of both the two side walls, and~~

when the socket body is mounted on a circuit board, an adsorption cover is attached to the socket body ~~via due to~~ engaging portions of the adsorption cover covering at least a part of the engaging plug groove ~~are engaged with and engaging~~ the engaging concavities of the socket body, and wherein a portion of the adsorption cover covering a part of the engaging groove is adsorbed and held by the adsorption nozzle.

4. (Currently Amended) The electrical connector in accordance with claim 3, wherein ~~characterized by that the socket body has inserted or press-fitted reinforcing members in vicinities of both provided proximate the end portions~~ [[in]] of the two side walls longitudinal direction thereof; and

the engaging concavities are formed at positions distant from fixed portions of the reinforcing member.

5. (Currently Amended) The electrical connector in accordance with claim 1, wherein ~~characterized by that a protrusion and a concavity are serially provided on the second contact portion of the at least one header post and extend~~ along a heightwise direction of the header [[to]] toward a second face opposite to the first face.

6. (Currently Amended) The electrical connector in accordance with claim 5, wherein ~~characterized by that~~ the protrusion is formed in the heightwise direction of the at least one header post at a position ~~a little~~ nearer to the first face ~~from center in~~ than the second face ~~in the heightwise direction of the header post~~.

7. (Currently Amended) The electrical connector in accordance with claim 5, wherein ~~characterized by that~~ a slanted face is formed on an outer face of the protrusion ~~in a manner so~~ such that a dimension of the protrusion at a portion nearer to a second face opposite to the first face becomes larger in a direction extending from the first face toward the second face.

8. (Currently Amended) The electrical connector in accordance with claim 4, wherein ~~(SIC: correctly 5)~~ ~~characterized by that~~ the concavity ~~[[is]]~~ has a channel shape and is elongated along the heightwise direction of the at least one header post.

9. (Currently Amended) The electrical connector in accordance with claim 8, wherein ~~characterized by that~~ the concavity has two slanted faces having a depth [[of]] which becomes deeper for approaching to the as the slanted faces approach a center of the at least one header post in [[the]] a widthwise direction thereof, so that the such that a section in the widthwise direction of the at least one header post becomes has a substantially V-shape.

10. (Currently Amended) The electrical connector in accordance with claim 5, wherein ~~characterized by that~~ a width dimension of the concavity in the widthwise direction of the at least one header post is formed to be larger than a width dimension of the protrusion and smaller than a width direction of the first contact portion of the at least one socket contact.

11. (Currently Amended) The electrical connector in accordance with claim 5, wherein ~~characterized by that~~ dimensions and position of the concavity in the heightwise direction of the at least one header post is ~~established in a scope that~~ configured to allow the first contact portion of the at least one socket contact ~~slides~~ to slide on the second contact portion.